

**RTCA SC-186 Working Group 6
Summary of Meeting #19
Held as a Teleconference and WebEx Session
For The Maintenance of the ADS-B & ASA MASPS**

The 19th meeting of RTCA SC-186 Working Group 6, for the maintenance of the ADS-B and ASA MASPS documents, referenced herein as Meeting #19, was called to order by WG-6 Co-Chair, Dean Miller of Boeing shortly after 9:00am EDT on 10 November 2010. Mr. Miller welcomed all attendees and asked that each attendee introduce themselves and their organization. The attendees for all or part of the meeting included the following:

Jim Duke, SAIC	Dean Miller, Boeing
John Fisher, FAA AIR-130	Tom Pagano, FAA, ATO-P FAATC – AJP-653
Gary Furr, Engility Corp., FAATC–AJP-653	Rob Strain, Mitre
Michael Garcia, ITT	Jorg Steinleitner, Eurocontrol (phone)
Stan Jones, Mitre	Don Walker, FAA, AIR-130
Larry Kenney, Raytheon	

1. Agenda Item #1

- 1.1 There were basically no opening remarks, as Dean Miller proceeded directly to Agenda Item #3 to review the Minutes of the previous meeting/teleconference.

2. Agenda Item #2

- 2.1 The Agenda for the Teleconference and WebEx Session was distributed and posted as [Working Paper WG6-WP19-01](#). Gary displayed the Agenda for the Meeting via the WebEx internet session and there were no additions or modifications to the Agenda as posted.

3. Agenda Item #3

- 3.1 The Meeting Attendees were asked if there were any comments with regard to the content of the Summary of the WG-6 Meeting #18, held on 21 October 2010 as a Teleconference and WebEx Session, and published for this meeting as [Working Paper WG6-WP19-02](#). There were no comments and the Minutes of Meeting #18 were accepted as published.

4. Under Agenda Item #4, the Meeting reviewed and discussed the Working Papers that make proposals on issues related to the Action Items taken during previous meetings. There was only one document presented during this Teleconference as a resolution to an Action Item.

- 4.1 Dean Miller presented an updated version of his draft of Section 2 of the combined MASPS. The document was not assigned a working paper number as it is in extreme draft form. Most likely, this document and any others that might be submitted for review during the December meeting at RTCA will be assigned working paper numbers and posted.

During the review of the draft of Section 2, Stan Jones asked a question regarding the specification of the report formats. It was pointed out that the MASPS refers to State Vector, Mode Status, Target State, and other Report formats, but does not define the actual format. The ADS-B MOPS documents do in fact offer formats for the various Reports, but even they are noted in the MOPS as examples and not required. This is a point of discussion as the document develops.

Tom Pagano additionally noted that some of the tables that were displayed in the draft of Section 2 were very similar in structure to those that he is dealing with in the draft of Section 3 for which he has responsibility. Dean and Tom asked that Gary edit the draft of Section 2 during the discussion and indicate that as we proceed, it might be possible to combine the tables in Section 2 and 3 into a single table.

5. Agenda Item #5 contained Working Papers for discussion during this Teleconference regarding issues related to the combining of the ADS-B and ASA MASPS, but not specifically in response to an Action Item.

- 5.1 Dean Miller began with the review of the summary of the RTCA SC-186 Leadership, which was held on 2 November 2010 and documented in the summary presented to the Teleconference as [Working Paper WG6-WP19-03](#). The Working Paper details the agreements discussed by the SC-186 Leadership regarding the questions raised by Working Group 6 during the September meeting at Boeing in Rosslyn and documented in the presentation to the SC-186/WG-51 Plenary on 24 September 2010 from Amsterdam and Washington. Dean indicated again that he would attempt to get someone from Working Group 1 to come to the December meeting at RTCA and give a briefing on GIM.

- 5.2 Dean Miller continued by presenting a matrix that he had created and that was presented to the Teleconference as [Working Paper WG6-WP19-04](#). The matrix was intended to show the ADS-B IN Applications' required performance versus the ADS-B OUT minimum performance. The Attendees thought that the matrix was a great idea and Gary agreed to transfer it to a WORD document and select different colors for presentation and further discussion during the December meeting. Jim Duke also commented that he believes that the APT Application should be added to the matrix, and Attendees agreed that this would be a good addition. The matrix will continue to be reviewed and enhanced during future meetings and may be copied into the Combined MASPS document.

- 5.3 Dean Miller asked that Gary display [Working Paper WG6-WP17-07R1](#). The Working Paper is a work in process showing the table of contents of the proposed combined MASPS as it was discussed during the September meeting at Boeing in Rosslyn. It was noted that Jonathan Hammer and Larry Bachman will no longer be available to the Working Group, and that we will need to have other volunteers to

perform the tasks that they had originally agreed to be responsible for. Rob Strain accepted the challenge of discussing those sections that Jonathan had agreed to work on with Jonathan and other Mitre individuals and come back to the December meeting with potential recommendations for responsible individuals for those sections. Tom Pagano accepted several of the sections that Larry Bachman had originally signed up for and the remainder of the unassigned sections will be reviewed during the December meeting. Gary will present the table of contents as a separate working paper for the December meeting to enable better future tracking of the tasks and those responsible.

6. Agenda Item #6

6.1 The Teleconference Attendees discussed the proposed future meeting dates and the following table indicates the currently agreed upon meeting dates.

Meeting	Dates/Time	Meeting Location
#20	14 – 16 December 2010	RTCA in Washington DC
#21	19 January 2011	Teleconference/WebEx starting at 9:00am EST
#22	23 – 25 February 2011	Washington DC (23-24 at either RTCA, Boeing or SAIC) <i>SC-186/WG-51 Plenary on 25 February 2011 at RTCA</i>

Depending on the meeting activity of other SC-186 Working Groups and the RFG on 23 and 24 February, the WG-6 meeting will be held either at RTCA or SAIC in Washington DC, or possibly at the Boeing facility in Rosslyn VA, to be determined as more information becomes available.

7. The following is a summary of all of the Open Action Items accepted during Meeting #17. No new Action Items were assigned or accepted during the Teleconference.

Action Number	Open Action Item Descriptions	Assigned to	Status
17-01	Review section 3.2 of DO-289 and the TIS-B MASPS with the objective of identifying conflicts. Due for October Telecon	Mike Garcia	
17-02	Request that the Ground-Based Interval Management group come to WG-6 with a presentation. Due for October Telecon	Dean Miller	
17-03	Prepare a presentation to summarize the FIM-S Con Ops. Due for October Telecon	Taji Shafaat	
17-04	Review IP11-ASA regarding TQL	Dean Miller	
17-05	Dig up the source for all or most of the Figures in DO-289 and forward them to Gary.	Jonathan Hammer	Completed Closed
17-06	Dig up the source for all or most of the Figures in DO-242A and forward them to Gary.	Stuart Searight Gary Furr	Completed Closed
17-07	Create a matrix of all numbered requirements in both DO-242B and DO-289A prior to sending those files to the respective members that have agreed to review and edit specific sections.	Gary Furr	See WP18-03

8. The **Working Papers** for the reconvened SC-186 WG-6 Meetings, as well as the Meeting Agendas, Meeting Minutes, Action Items, Meeting Schedules and proposed draft modifications to the ADS-B and ASA MASPS will be posted on the new RTCA Workspace environment. For the time being, all of the previously identified elements will also continue to be posted on the web site maintained at the FAA Technical Center at:

<http://adsb.tc.faa.gov/WG6.htm>